

Converting Colors

$Y_{xy}(43.1158, 0.3029, 0.2751)$

Have a look what the booklet for
Yxy(43.1158, 0.3029, 0.2751)
contains.

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Color

Yxy(43.1158, 0.3029, 0.2751)

Conversions

Conversions Part 1

Format	Color
Hex	C3A5D1
RGB	195, 165, 209
RGB Percent	76%, 65%, 82%
CMY	0.2352, 0.3530, 0.1804
CMYK	0.07, 0.21, 0.00, 0.18
HSL	281°, 32%, 73%
HSV	281°, 21%, 82%
XYZ	47.4728, 43.1158, 66.1391
YIQ	178.9860, 3.7560, 20.0440

Conversions

Conversions Part 2

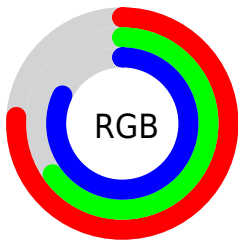
Format	Color
RYB	195, 165, 209
Decimal	12821969
CIELab	71.63, 18.98, -18.29
CIELCh	72, 26.356, 316.062
Yxy	43.1158, 0.3029, 0.2751
Android (android.graphics.Color)	4291012049 (0xFFC3A5D1)
YUV	178.9860, 14.7969, 14.0443
Hunter-Lab	65.6626, 14.1425, -13.7564

Details

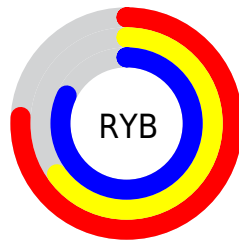
The Yxy color **43.1158, 0.3029, 0.2751** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **57.8965, 0.3205, 0.3852**, and the grayscale version is **44.9916, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.1018, 0.3122, 0.2948**, and **19.8061, 0.3001, 0.2616** is the 20% darker color. If you saturate the color by 10%, you get **35.3196, 0.2969, 0.2478**, and if you desaturate by 10%, it is **52.1870, 0.3080, 0.3015**.

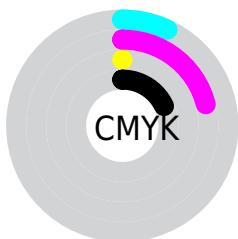
Distribution



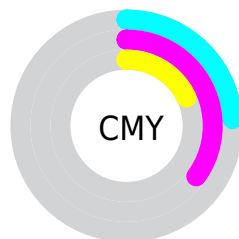
- Red (76%)
- Green (65%)
- Blue (82%)



- Red (76%)
- Yellow (65%)
- Blue (82%)



- Cyan (7%)
- Magenta (21%)
- Yellow (0%)
- Black (18%)





- Cyan (24%)
- Magenta (35%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.1158, 0.3029, 0.2751 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 43.1158, 0.3029, 0.2751 by changing the saturation by 10% instead.


 43.1158, 0.3029,
0.2751


 43.1158, 0.3029,
0.2751


359.0878, 0.3082,
0.3013

 29.9760, 0.3015,
0.2688


 79.8856, 0.3049,
0.2845

 19.8204, 0.2995,
0.2608


 104.2843, 0.3057,
0.2880

 12.2645, 0.2969,
0.2505


133.2048, 0.3063,
0.2911

 6.9241, 0.2930,
0.2364

167.0315, 0.3068,
0.2937

 3.4147, 0.2868,
0.2165

206.1488, 0.3072,
0.2960

 1.3519, 0.2760,
0.1863

250.9410, 0.3076,

 0.1808, 0.2661,

0.2980

0.0758

301.7925, 0.3079,
0.2997

0.0000, 0.0000,
0.0000

43.1158, 0.3029,
0.2751

43.1158, 0.3029,
0.2751

35.3196, 0.2969,
0.2478

52.1870, 0.3080,
0.3015

28.7325, 0.2901,
0.2203

62.5838, 0.3123,
0.3265

23.2911, 0.2825,
0.1936


74.3608, 0.3159,
0.3497

18.9239, 0.2744,
0.1690


87.5679, 0.3188,
0.3709


15.5511, 0.2658,
0.1475


92.6522, 0.3225,
0.3766


 13.0815, 0.2571,
0.1303

 93.7602, 0.3268,
0.3760

 11.4065, 0.2487,
0.1179

 94.9104, 0.3311,
0.3754

 10.4085, 0.2414,
0.1104

 96.1033, 0.3354,
0.3747

 97.3391, 0.3398,
0.3741

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



43.1158, 0.2691, 0.2674



43.1158, 0.3029, 0.2751



43.1158, 0.3414, 0.2951

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



43.1158, 0.3029, 0.2751



43.1158, 0.3809, 0.3812



43.1158, 0.2551, 0.3305

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



43.1158, 0.3029, 0.2751



57.8965, 0.3205, 0.3852

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



43.1158, 0.2824, 0.3666



43.1158, 0.3029, 0.2751



43.1158, 0.3551, 0.3961

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



43.1158, 0.3029, 0.2751



43.1158, 0.3880, 0.3542



43.1158, 0.3189, 0.3916



43.1158, 0.2429, 0.2966

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



43.1158, 0.3029, 0.2751



43.1158, 0.3641, 0.3133



43.1158, 0.3189, 0.3916



43.1158, 0.2627, 0.3429

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



43.1176, 0.3029, 0.2751



89.7136, 0.3103, 0.3142



45.1094, 0.2790, 0.2908



18.9729, 0.3100, 0.3125



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



43.1176, 0.3029, 0.2751



62.2106, 0.3005, 0.2636



44.7126, 0.3214, 0.2853



11.8130, 0.3088, 0.3057



6.4725, 0.2426, 0.1110



0.4033, 0.2573, 0.1191

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



43.7178, 0.3417, 0.3119



63.3590, 0.3491, 0.3083



56.5898, 0.3051, 0.3770



11.8692, 0.3241, 0.3216



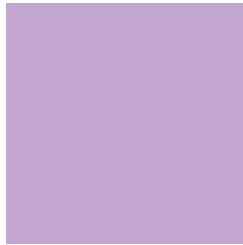
8.6191, 0.5682, 0.2904



0.4963, 0.5155, 0.2614

Previews

White Background



This preview shows how the Yxy color 43.1158, 0.3029, 0.2751 looks on a white background.

Color Contrast Check

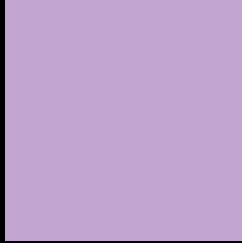
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 43.1158, 0.3029, 0.2751 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

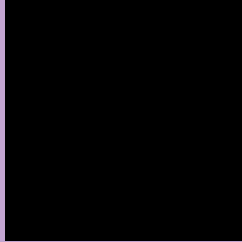
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.1158, 0.3029, 0.2751

Background



This preview shows how black text looks on a background with the Yxy color 43.1158, 0.3029, 0.2751.



This preview shows how white text looks on a background with the Yxy color 43.1158, 0.3029, 0.2751.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

43.1158, 0.3029, 0.2751

Protanopia

43.2854, 0.2751, 0.2761

Deuteranopia

43.4062, 0.2886, 0.2830



Tritanopia

43.2447, 0.3207, 0.3123

Trichromacy



Original Color

43.1158, 0.3029, 0.2751

Protanomaly

43.2770, 0.2849, 0.2758

Deuteranomaly

43.1203, 0.2943, 0.2799

Tritanomaly

43.0175, 0.3141, 0.2986

Monochromacy



Original Color

43.1158, 0.3029, 0.2751

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.3041, 0.3093, 0.3084

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.1158, 0.3029, 0.2751 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(195, 165, 209)` looks like.

```
.text, #text, p{  
    color:rgb(195, 165, 209)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(195, 165, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 165, 209) }
```

Border

The CSS property to change the border of an element to Yxy 43.1158, 0.3029, 0.2751 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 165, 209) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(195, 165, 209) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(195, 165, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 165, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 165, 209);  
box-shadow:4px 4px 4px 4px rgb(195, 165,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 43.1158, 0.3029, 0.2751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 165, 209) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(195,  
165, 209) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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